

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN03/00667

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷ C12Q1/68, G01N33/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷ G01N, C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Chinese Patent Document (1985~)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPOCOD, PAJ, CNPAT

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| A | CN, A, 1290752(LU ZUHONG) 11. Apr 2001(11.04.01), entire document | 1-58 |
| A | CN, A, 1267089(QINGHUA UNIVERSITY) 20. Sep 2000(20.09.00), entire document | 1-58 |
| A | CN, A, 2478109Y(ZHAO ZHONG), 20. Feb 2002(20.02.02), entire document | 1-58 |

☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

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| * Special categories of cited documents: | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |
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| "E" earlier application or patent but published on or after the international filing date | "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
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| "O" document referring to an oral disclosure, use, exhibition or other means | |
| "P" document published prior to the international filing date but later than the priority date claimed | |

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15. Jul 2004(15.07.04)

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| A | US ,A, 20030087292(Shiping Chen et al) 08. May 2003(08.05.03), entire document | 1-58 |
| A | WO, A2, 03031976(RAN-DOX LABORATORIES LTD.) 17.Apr 2003(17.04.03), entire document | 1-58 |
| A | WO, A1, 0224952(CLI-NOMICS LABORATORIES, INC.) 28.March 2002(28.03.02), entire document | 1-58 |
| A | JP, A, 200321635(DAINIPPON PRINTING CO LTD) 24.January 2003(24.01.03), entire document | 1-58 |

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CN03/00667

| Patent document cited in search report | Publication data | Patent family member (s) | Publication Data |
|---|---------------------|--|--|
| CN, A, 1290752 | 11. 04. 01 | None | |
| CN, A, 1267089 | 20. 09. 00 | CA, A, 2367698 WO, A, 0054882 AU, A, 6045799 US, A, 2002022276 US, B, 6355491 EP, A, 1207959 | 21. 09. 00 21. 09. 00 04. 10. 00 21. 02. 02 12. 03. 02 29. 05. 02 |
| CN, Y, 2478109 | 20. 02. 02 | None | |
| US, A1, 20030087292 | 08, 05, 03 | WO, A, 2078834 US, A, 2002164824 US, A, 2003087309 | 10. 10. 02 07. 11. 02 08. 05. 03 |
| WO, A2, 03031976 | 17. 04. 03 | None | |
| WO, A1, 0224952 | 28. 03. 02 | WO, A, 0198525 AU, A, 7011101 US, A, 2002009767 AU, A, 9099001 US, A, 2002168639 EP, A, 1305595 | 27. 12. 01 02. 01. 02 24. 01. 02 02. 04. 02 14. 11. 02 02. 05. 03 |
| JP, A, 200321635 | 24. 01. 03 | None | |